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WO 97/32042

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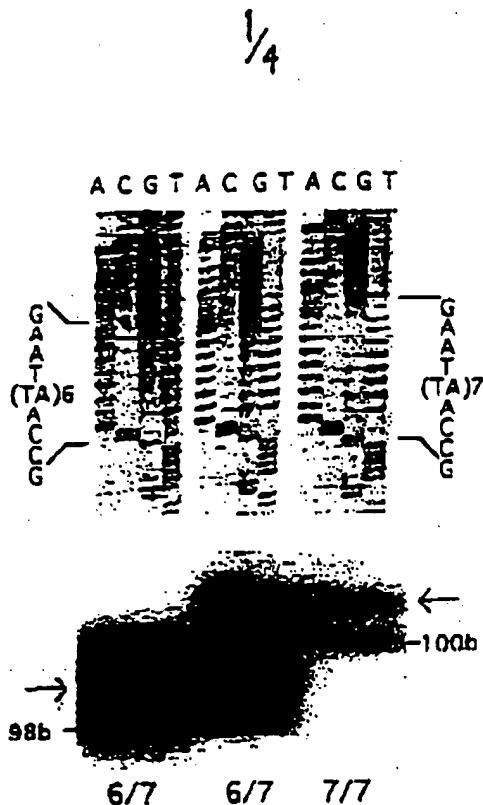


Fig 1a

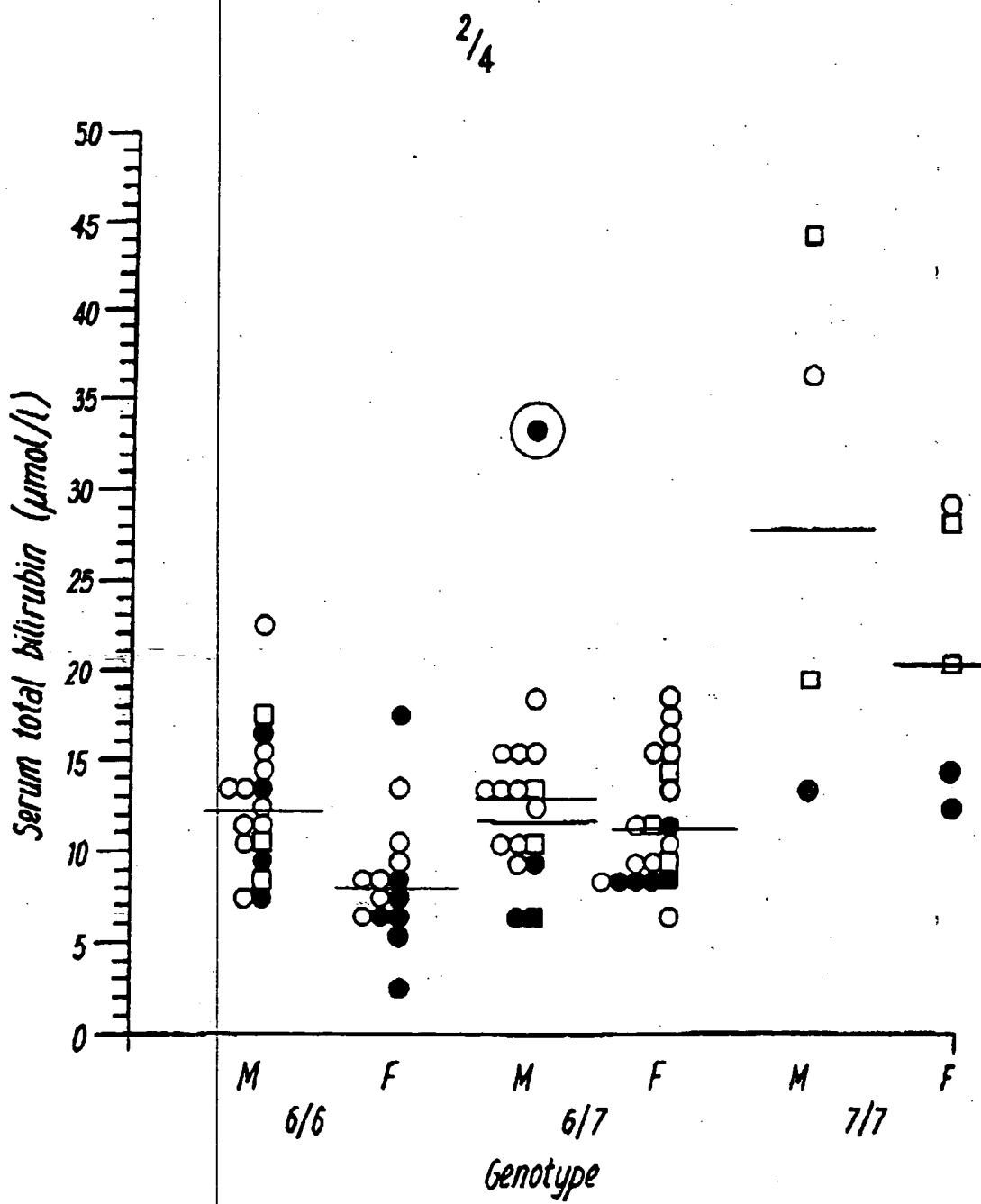
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Fig 1b

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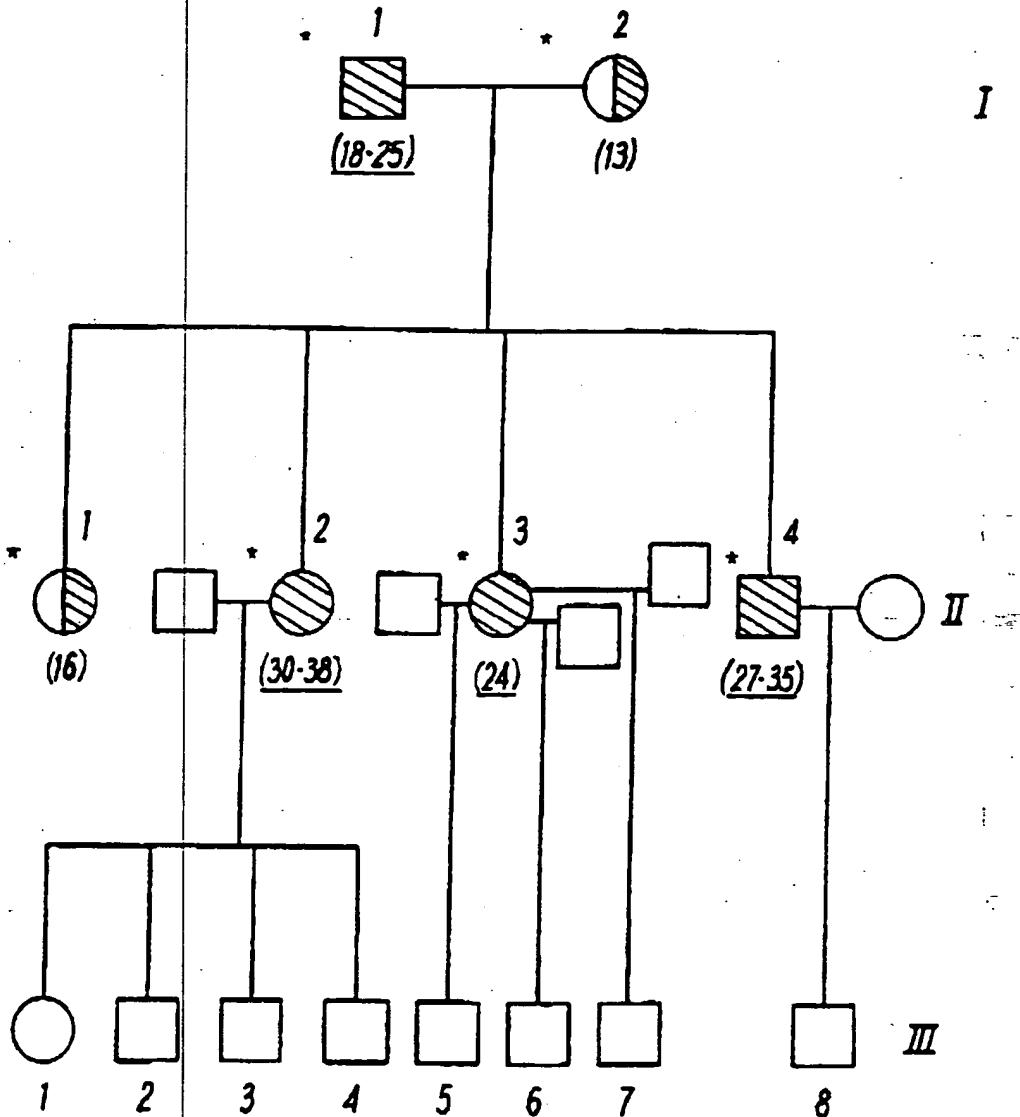
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Fig.2

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PCT/GPT/1997

Pedigree Showing Segregation of the Gilbert Phenotype with $\frac{3}{4}$
the (TA)₇TAA / (TA)₆TAA Genotype.



I,II,III = generations in family * = genetic and biochemical data

male

homozygotes for the (TA)₇TAA allele

female

heterozygotes for the (TA)₇TAA and (TA)₆TAA alleles

(13) = total serum bilirubin

(18-25) = elevated total serum bilirubin

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API

4/4

-611 GTGAGTCTGGCTACCTCATGGCGCGTGGCTCGTGTGGTGGCTCTGCTGCAGCCTCCAA

Spt

-541 GACACCACACTGTGCTGGACTCAATAATAATGTTGACGAAGGAATGAAACACATGATA

-491 CAAGTGAGCAGGCAGTACCGGGGGAGCTGTGGAGTGGGACTCTTACAGGTTTCCATGGC

-431 6AAAGCGGGGGGACAGTTGTGTTCTTTCTTTCTAAAGGCTTCTAAAAAGCTTCTGT

-371 TTAATTCTGGAAAGAAGCTAACTTGTTCAC TACATAGTCGTCCTCTTCCTCTGG

-311 TAACAGTTGTTGGTCGTGGAACTACTAATTTAATGGATCCTGAGGTTCTGGAACTT

CLBP API

-251 TGCTGTGTCACTCAAGAATGTGATTGAGTATGAAATTCCAGCCAGTTCAACTGTTGTT

-191 GCCTATTAAGAACCTAATAAGCTCCACCTTCTTATCTCTGAAAGTGAACCTCCCTGCT

-131 ACCTTTGTGGACTGACAGCTTTTATAGTCACGTGACACAGTCAAACATTAACCTT

11. **What is the relationship between the two characters?**

-71 ATCGATTGGTTTTGCCATATATATATATAAGTAGGAGAGGGCGAACCTCTGGCAGGA

-11 GCAAAGGCGCCATGGCTGTG

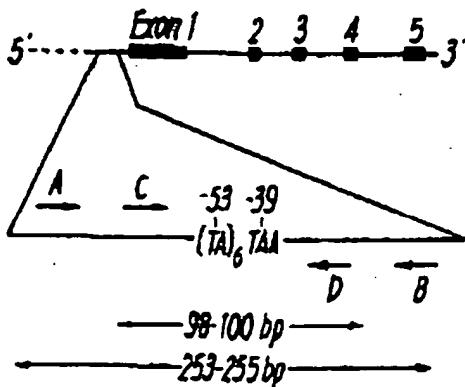


FIG. 4